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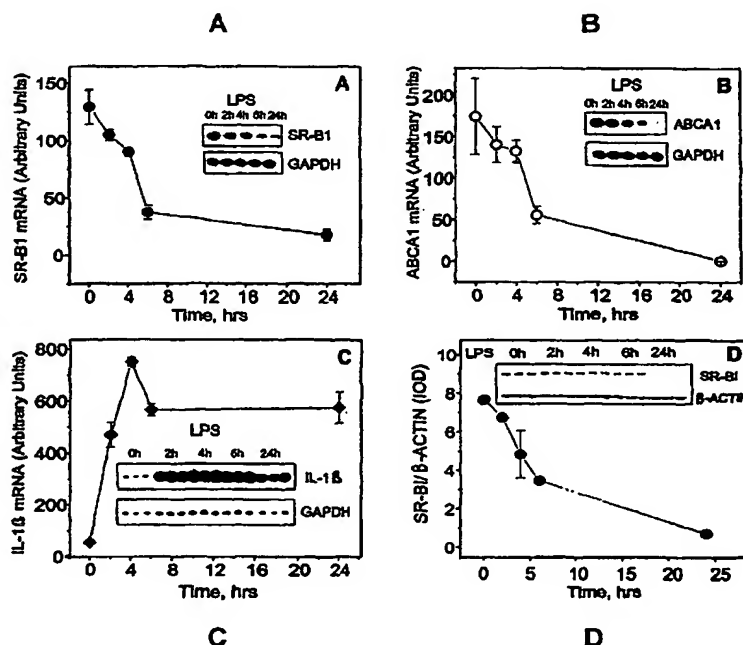
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(54) Title: **SCAVENGER RECEPTOR B1 (CLA-1) TARGETING FOR THE TREATMENT OF INFECTION, SEPSIS AND INFLAMMATION**



(57) Abstract: This invention relates to methods and compositions for the treatment of sepsis, inflammation or infection. In particular, the invention concerns the use of molecule(s) that target SR-B1, which is also referred to as CLA-1 (SR-B1/CLA-1), to treat sepsis, bacterial and viral infections, and inflammatory diseases. SRB I/CLA-1 ligands contributing to the pathogenesis of disease include LPS, LTA, viral envelope proteins, beta-amyloid, serum Amyloid A and/or heat shock proteins.



Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
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ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/34511

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 38/00

US CL : 514/12, 2, 13, 14; 530/300, 324, 325, 326

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/12, 2, 13, 14; 530/300, 324, 325, 326

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| A | US 6,664,230 B1 (FOGELMAN et al.) 16 December 2003 (16.12.2003), see entire document. | 1-26 |
| A | CHINETTI et al. CLA-1/SR-B1 is Expressed In Atherosclerotic Lesion Macrophages and Regulated by Activators of Peroxisome Proliferator-Activated Receptors, Circulation. 2000, Vol. 101, pages 2411-2417. See entire document. | 1-26 |
| A | BUECHLER et al. Lipopolysaccharide Inhibits the Expression of the Scavenger Receptor Cla-1 in Human Monocytes and Macrophages. Biochemical and Biophysical Research Communications. 1999, Vol. 262, pages 251-254. See entire document. | 1-26 |

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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Continuation of B. FIELDS SEARCHED Item 3:
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